FORM PTO-1	1449		U.S. Denar	tment of Commerce	Ama				-
(Modified)		IPE	Patent and	tment of Commerce Trademark Office	Attorney Docket No.: A		Serial No.: 10	/070,338	
INF	ORMATIC	ON DISCOOSURE STA		PLICANT	Applicants: Mansour J. I	Karam et al.	Γ		
(37 CFR § 1.9)8(b))	MAY 15 7006	8		Filing Date: December 1	2, 2002	Group Art Un	it: 2661	
		1 1 mm	<u>8</u>	U.S. PATENT DOC	UMENTS				
Examiner Initials		Sepial / Patent	Issue Date	Applica	ant / Patentee	Class	Subclass	Filin	g Date
\$10	AA	5,841,775	11/24/98	1	Huang	370	422	07/1	16/96
	AB	6,012,088	01/04/00	1	i et al.	709	219	12/1	10/96
	AC	6,052,718	04/18/00		Gifford	709	219	01/0	07/97
	AD	6,426,955 B1	07/30/02	Gossett I	Dalton, Jr et al.	370	401	09/1	16/98
	AE	6,446,028 B1	09/03/02	,	Wang	702	186	11/2	25/98
	AF	6,538,416 B1	03/25/03	Hal	nne et al.	320	431	10/1	15/99
	AG	6,728,779 B1	04/27/04	Gri	ffin et al.	709	239	05/3	31/00
	AH	6,810,417 B2	10/26/04		Lee	709	220	02/1	19/02
\bigvee	1A	6,912,222 B1	06/28/05	Whe	eler et al.	370	395.31	02/2	4/00
	AJ								
	AK								
		FOR	REIGN PATENTS	OR PUBLISHED FOR	EIGN PATENT APPLICA	TIONS			
		Document Number	Publication	Country	Patent Office	Class	Subclass	Trans	lation
			Date	Country	- atom Office	Ciass	Succiass	Yes	No
4	AL		1						1
	AM								
	AN				<u></u>				
	AO								
100		OTHER D	OCUMENTS (Inclu	iding Author, Title, Da	ate, Relevant Pages, Place o	f Publication)			
DIS	AP	" A Longest Prefix Ma NEC Corporation, pag	tch Search Engine es 1360-1364, 2000	for Multi-Gigabit IP P IEEE	rocessing", Masayoshi Kob	ayashi et al., Cé	C Media Resear	ch Laborat	ories,
	AQ_				pay-in.html_04/05/05, 26 p		-		
	AR						_ :		
	AS								
	AT								
	AU								
	ΑV								
	AW								
	AX								
	ΑY								
•	KZ/	- 10				1	/		
Examiner:	Dr	en Konn.	zon		Date Considered:	6/23/	2006		
EXAMINER:	/ Imi	tial citation considered.	Draw line through	citation if not in confo	rmance and not considered.				

FORM PTO 1449

(Modified)

U.S. Department of Con Patent and Trademark (
INC. BALATION SECLOSURE STATEMENT BY APPLICANT

U.S. Department of Commerce Patent and Trademark Office

Attorney Docket No.: AVARS-02700

Serial No.: 10/070,338

				U.S. PATENT DOC	CUMENTS	-	Group Art Un		
Examiner		Serial / Patent Number	Issue Date		ant / Patentee	Class	Subclass	Filin	g Date
lipitials DIS	44							-	
1	AA	6,385,643 B1	5/7/02	î	cobs et al.	709	203		3/99
	AB	6,453,356 B1	9/17/02	1	eard et al.	709	231	4/1	5/98
_	AC	6,493,353 B2	12/10/02		elly et al.	370	467	5/1	7/98
	AD	6,601,101 B1	7/29/03		ee et al.	709	227	3/1	5/00
-	AE	6,704,768 BI	3/9/04	Zor	nbek et al.	709	201	11/	8/00
	AF	6,751,562 BI	6/15/04	Bla	ckett et al.	702	61	3/2	2/01
	AG	6,826,613 B1	11/30/04	w	ang et al.	709	227	3/1	5/00
	AH	6,839,745 BI	1/4/05	Din	igari et al.	709	219	10/1	0/00
	Al	6,981,055 B1	12/27/05	At	uja et al.	709	238	8/2	2/00
	AJ	2002/0101821 A1	8/1/02	Feld	mann et al.	370	232	6/7	/01
<u> </u>	AK	2002/0184527 A1	12/5/02	Ct	nun et al.	713	201	9/1	9/01
	1	FOI	REIGN PATENTS	OR PUBLISHED FO	REIGN PATENT APP	LICATIONS	·		
		Document Number	Publication Date	Country	/ Patent Office	Class	Subclass	Trans	
	AL							Yes	<u> </u>
	AM								
	AN		1					-	<u> </u>
	AO				1				
		OTHER D	OCUMENTS (Incl	uding Author, Title, D	ate, Relevant Pages, P	Place of Publication)			L
	AP								
	AQ						· · ·		
	AR								
	AS								
	AT								
	AU						-		-
	AV								
	AW								
	AX								
	AY				****				_
	AZ	1					/		
							,		

• •		JAN 80 2006						St	eet 1 of 1
FORM PTO-I (Modified)	449		U.S. Departr Patent and T	ment of Commerce rademark Office	Attomey Docket No.:	AVARS-02700	Serial No.: 10	/070,338	
1	DRMATIC	ON DISCHASSORE STA (Use Several Sheets II			Applicants: Mansour J	. Karam et al.			
(37 CFR § 1.9	8(b))	(Ose Several Sneets 11	(Nocessary)		Filing Date: February	27, 2002	Group Art Un	it: 2661	
				U.S. PATENT DOC					 .
Examiner Initials		Scrial / Patent Number	Issue Date	Applic	ant / Patentee	Class	Subclass	Filin	g Date
23	AA	6,757,255 B1	06/29/04	A	oki et al.	370	252		7/99
15/5	AB	6,820,133 B1	11/16/04		ove et al.	709	238		4/00
7	AC								
	AD								
	ΑE						-		
	АF								
	AG								******
	AH								
	AI								
	_AJ								
		FOR	LEIGN PATENTS O	R PUBLISHED FOR	REIGN PATENT APPLIC	CATIONS			-
			Publication	_				Trans	lation
		Document Number	Date	Country	Patent Office	Class	Subclass	Yes	No
	AK			· •					
	AL			*					
	AM								
	AN			<u> </u>					
	AO					<u></u>			
		OTHER DO	OCUMENTS (Includ	ling Author, Title, D	ate, Relevant Pages, Place	e of Publication)			
	AP		_						
	AQ								
	AR								
	AS						WA		····
	AT				•				
	AU								
	AV					<u>. </u>			
	AW		···						
	AX							_	
	AY	<i>A</i>			:				
	AZ (/ h				1			
Examiner:		Jen Bla	you		Date Considered:	6/23/	200	6	
EXAMINER:	/Init	ial citation considered. A	Draw line through ci	tation if not in confo	rmance and not considere	ed. Include copy	f this form		

	-1	III 25 MIS			<u> </u>				
FORM PTO-1 (Modified)		5 /		tment of Commerce Trademark Office	Attorney Docket No.: A	/ARS-02700	Serial No.: 10	/070,338	
INFO	ORM Ò	ON DISCLOSO E S V (Use Seed) Sheet	FATEMENT BY AP if Necessary)	PLICANT	Applicants: Mansour J. I	Caram et al.	T		
(37 CFR § 1.9	8(b))	6 THAUS			Filing Date: December 1:	2, 2002	Group Art Un	it: 2661	
				U.S. PATENT DOC	UMENTS				
Examiner Initials		Serial / Patent Number	Issue Date	Applic	ant / Patentee	Class	Subclass	Filing	g Date
3/8	AA	6,829,221 B1	12/07/2004	Wip	ckles et al.	370	238	12/27	7/1999
1	AB								
	AC								
	AD								
	ΑE								
	AF								
٠,	AG								
	AH								
	AI								
	LΑ								
		F	OREIGN PATENTS	OR PUBLISHED FOR	REIGN PATENT APPLICA	TIONS			
		Document						Trans	lation
		Number	Publication Date	Country	/ Patent Office	Class	Subclass	Yes	No
	AK								
	AL								
	AM_								
	AN								
	AO								
		OTHER	DOCUMENTS (Incl	uding Author, Title, D	ate, Relevant Pages, Place of	f Publication)			
	AP								
	AQ			-					
	AR					-			
	AS								
	AT								
	AU								
	AV								
	AW								
	AX								
	AY								
	AZ	1 10				1	/		
Examiner:		be Ben	20m		Date Considered:	6/20	2000	9	
EXAMINER:	Zmi wi	itial citation considered th next communication	Draw line through o	itation if not in confo	mance and not considered.	Include copy of	this form		

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

METHOD AND APPARATUS FOR CHARACTERIZING THE QUALITY OF NETWORK PATH

Application Number:

10/070338

Confirmation Number:

2450

First Named Applicant:

Mansour Karam

Attorney Docket Number:

Art Unit:

Examiner:

Search string:

(6434606 or 6438592 or 6452950 or 6463454).pn

<u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Lir	nit	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
2	1/3	, 1	6434606	2002-08-13	Borella et al.	B1		
		2	6438592	2002-08-20	Killian	B1		
	П	3	6452950	2002-09-17	Ohlsson et al.	B1		
		4	6463454	2002-10-08	Lumelsky et al.	B1		

Signature

Examiner Name	/ Pate
gen here 200	C/23/2576

FORM PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office

Attorney Docket No.: AVARS-02700

Serial No.: 10/070,338

ENT DV ADDI ICANT

INI	FORMATI	ON DISCLOSURE STA (Use Several Sheets If	TEMENT BY APPLICATED (CARREST PROPERTY)	ANT Applicants: Mansou	r J. Karam et al.			
(37 CER § 1.				Filing Date: Decemi	ber 12, 2002	Group Art Un	it: 2661	
OIP	12	FO	REIGN PATENTS OR PL	IBLISHED FOREIGN PATENT APP	LICATIONS			
	167 kg		Publication				Trans	lation
MAR 2 8 20	Ψ	Document Number	Date	Country / Patent Office	Class	Subclass	Yes	No
PIS	ZS A	EP 0 504 537 A1	09/23/92	ЕР	H04L	12/26		х
RADEMAR	AB	EP 0 528 075 A1	02/24/93	EP	H04L	12/26		х
	AC	EP 0 598 969 B1	02/10/99	EP	H04L	12/18		х
1 .	AD	EP 0 788 267 A2	08/06/97	EP	H04L	29/06		х
	AE	EP 0 942 560 A2	09/15/99	EP	H04L	12/64		х
	AF	EP 0 977 456 A2	02/02/00	EP	H04Q	11/04		х
	AG	EP 0 982 901 A1	01/03/00	EP	H04L	12/56		х
	AH	EP 0 999 674 A1	04/28/04	ЕР	H04L	12/64		х
	AL	WO 94/08415	04/14/94	PCT	H04L	12/66		X
	AJ	WO 99/06913	02/11/99.	PCT	G06F	13/00		х
	AK	WO 99/14907	03/25/99	PCT	H04L	12/56		х
	AL	WO 99/14931	03/25/99	PCT	Н04М	7/00		х
	AM	WO 99/14932	03/25/99	PCT	Н04М	7/00		х
	AN	WO 99/18751	04/15/99	PCT	H04Q	11/04		х
	AO	WO 99/30460	06/17/99	PCT	H04L	12/00		х
1	AP	WO 99/39481	08/05/99	PCT	H04L	12/66		х
7	AQ	WO 00/04458	01/27/00	PCT	G06F	17/21		x
1	AR	WO 00/25224	05/04/00	PCT	G06F	13/00		х
	AS	WO 00/38381	06/29/00	PCT	H04L	12/56		х
	AT	WO 00/45560	08/03/00	PCT	H04L	29/00		х
	AU	WO 00/52906	09/08/00	PCT	H04L	29/06		x
	AV	WO 00/62489	10/19/00	PCT	H04L	12/56		. x
	AW	WO 00/72528 A1	11/30/00	PCT	H04L	12/56		х
	AX	WO 00/79362 A2	12/28/00	PCT	G06F			х
	AY	WO 00/79730 A2	12/28/00	PCT	H04L	12/00	*	x
	AZ	WO 01/06717 A1	01/25/01	PCT	H04L	12/56		х
V	ВА	WO 01/13585 A1	02/22/01	PCT	H04L	12/46		x
	ВВ							<u> </u>
		OTHER D	OCUMENTS (Including A	Author, Title, Date, Relevant Pages, Pl	ace of Publication)			
DB	ВС	Z. Wang et al., "Resour pages 139-169.	rce Allocation for Elastic	Fraffic: Architecture and Mechanisms,	"Conference Procee	edings Article, 200	00, XP0103	76681
	BD	C. V. Papadopoulos et Microprocessing and M	al., "Protection and Routin ficroprogramming 38 (199	ng Algorithms for Network Manageme 3), XP000383771, pages 163-170.	ent -The Case of Trai	nsmission Networ	ks,"	
	BE			No. RFC 2791, Network Working G				
	BF			Internet Host Distance Estimation Ser			-	
V	BG7	T. Bates et al., "Multip	rotocol Extensions for BG	P-4", XP-00219077, June 2000, ppg.	1-10. /	/		
Examiner:	D	ren Bens	60	Date Considered:	6/23	1200	/2	
EXAMINER	: Z Ini		raw line through citation	if not in conformance and not conside		7		

FORM PTO-1 (Modified)	449	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: AVARS-02700	Serial No.: 10/070,338
' '	DRMATI(ON DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)	Applicants: Mansour J. Karam et al.	
(37 CFR § 1.9		(Use Several Sneets II Necessary)	Filing Date: December 12, 2002	Group Art Unit: 2661
		OTHER DOCUMENTS (Including Author, Title, D	rate, Relevant Pages, Place of Publication)	
20	вн	S. Kumar et al., "The MASC/BGMP Architecture for Inter-dom	ain Multicast Routing," 12 pages.	
21	ВІ	S. Berson et al., "An Architecture for Advance Reservations in t	the Internet," USC Information Sciences Ins	titute, July 16, 1998, pages 1-21.
	BJ	R. P. Draves et al., "Constructing Optimal IP Routing Tables,"	1999 IEEE, 1-10.	
	ВК	R. Govindan et al., "An Analysis of Internet Inter-Domain Topo pages.	logy and Route Stability," USC Information	Sciences Institute, 1997 IEEE, 8
	BL	V. Paxson, "Toward a Framework for Defining Internet Perform 20.	ance Metrics," http://www.isoc.org/inet96/g	roccedines/d3/d3 3.htm, pages 1-
	ВМ	C. Alaettinoglu et al. "Routing Policy Specification Language (I pages 1-56.	RPSL)," http://quimby.gnus.org/internet-dra	fts/draft-ietf-rps-rpsl-v2-00.txt,
	BN	P: Traina, "BGP-4 Protocol Analysis," March 1995, pages 1-10.		T
	во	B. Krishnamurthy et al., "On Network-Aware Clustering of Web	Clients," 14 pages.	
·	BP	Sami Iren et al., "The Transport Layer: Tutorial and Survey", XI 360-405.	P-002210446, ACM Computing Surveys, V	ol. 31, No. 4, December 1999, pages.
	BQ	D. B. Ingham et al., "Supporting Highly Manageable Web Servi	ces", Computer Networks and ISDN System	rs 29 (1997), pages. 1405-1416.
	BR			
	BS			
	BT			
<u> </u>	BU			
	BV			
	BW			
	BX			
	BY			
	BZ		- 	
	CA		· · · · · · · · · · · · · · · · · · ·	
	СВ			
	α			
	CD			
	CE			
<u> </u>	CF			
	CG			
	CH			
	CI			
	C1			
	CK			
	CL			
	CM CN			
	CO			
<u> </u>	СР			
	00/	h /a		1
Examiner:	<u> </u>	rangeneston	Date Considered: 6/23	2006
EXAMINER:	Ini	itial citation considered. Draw line through citation if not in confor		
	wi	th next communication to applicant.		

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

METHOD AND APPARATUS FOR CHARACTERIZING THE QUALITY OF NETWORK PATH

Application Number:

10/070338

Confirmation Number:

2450

First Named Applicant:

Mansour Karam

Attorney Docket Number:

Art Unit: Examiner:

Search string:

(4284852 or 4345116 or 4495570 or 4594704 or 4669113 or 4704724 or 4726017 or 4748658 or 4788721 or 4839798 or 4920432 or 4931941 or 4939726 or 4949187 or 4949248 or 5142570 or 5172413 or 5253341 or 5287537 or 5291554 or 5341477 or 5371532 or 5375070 or 5406502 or 5410343 or 5414455 or 5442389 or 5442390 or 5442749 or 5452294 or 5467345 or 5471622 or 5475615 or 5477536 or 5508732 or 5515511 or 5519435 or 5521591 or 5528281 or 5563875 or 5629930 or 5631897 or 5636216 or 5668800 or 5675741 or 5754639 or 5787253 or 5793976 or 5802106).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

ini	it	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
2	B	- 1	4284852	1981-08-18	Szybicki et al.			
Ш		2	4345116	1982-08-17	Ash et al.			
Ш		3	4495570	1985-01-22	Kitajima et al.			
\Box		4	4594704	1986-06-10	Ollivier			
Ш		5	4669113	1987-05-26	Ash et al.			
Ш		6	4704724	1987-11-03	Krishnan et al.			
Ш		7	4726017	1988-02-16	Krum et al.			
Ш		8	4748658	1988-05-31	Gopal et al.			
Ш		9	4788721	1988-11-29	Krishnan et al.			
		10	4839798	1989-06-13	Eguchi et al.			
		11	4920432	1990-04-24	Eggers et al.			
		12	4931941	1990-06-05	Krishnan			***
		13	4939726	1990-07-03	Flammer et al.			
		14	4949187	1990-08-14	Cohen			
		15	4949248	1990-08-14	Caro	÷		
		16	5142570	1992-08-25	Chaudhary et al.			
	\Box	17	5172413	1992-12-15	Bradley et al.			
V		18	5253341	1993-10-12	Rozmanith et al.			

-414-							
20	- 19	5287537	1994-02-15	Newmark et al.			
	20	5291554	1994-03-01	Morales			
	21	5341477	1994-08-23	Pitkin et al.			
	22	5371532	1994-12-06	Gelman et al.			
	23	5375070	1994-12-20	Hershey et al.			
	24	5406502	1995-04-11	Haramaty et al.			
	25	5410343	1995-04-25	Coddington et al.			
	26	5414455	1995-05-09	Hooper et al.			
	27	5442389	1995-08-15	Blahut et al.			
\prod	28	5442390	1995-08-15	Hooper et al.			
Π	29	5442749	1995-08-15	Northcutt et al.			1
	30	5452294	1995-09-19	Natarajan			
П	31	5467345	1995-11-14	Cutler, Jr et al.			1
$T \Box$	32	5471622	1995-11-28	Eadline			
	33	5475615	1995-12-12	Lin		<u> </u>	
	34	5477536	1995-12-19	Picard			
	35	5508732	1996-04-16	Bottomley et al.			
	36	5515511	1996-05-07	Nguyen et al.			
	37	5519435	1996-05-21	Anderson			
	38	5521591	1996-05-28	Arora et al.			
	39	5528281	1996-06-18	Grady et al.			
	40	5563875	1996-10-08	Hefel et al.			
	41	5629930	1997-05-13	Beshai et al.			
	42	5631897	1997-05-20	Pacheco et al.			
	43	5636216	1997-06-03	Fox et al.			
	44	5668800	1997-09-16	Stevenson			
	45	5675741	1997-10-07	Aggarwal et al.			
	46	5754639	1998-05-19	Flockhart et al.			
	47	5787253	1998-07-28	McCreery et al.			
	48	5793976	1998-08-11	Chen et al.			
VI	49	5802106	1998-09-01	Packer	***		

Signature

Examiner Name	/ Date
The Beng you	6 23 06

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

METHOD AND APPARATUS FOR CHARACTERIZING THE QUALITY OF NETWORK PATH

Application Number :

10/070338

Confirmation Number:

2450

First Named Applicant:

Mansour Karam

Attorney Docket Number:

Art Unit: Examiner:

Search string:

(5805594 or 5835710 or 5845091 or 5884047 or 5974457 or 6006264 or 6009081 or 6026411 or 6069889 or 6108703 or 6119235 or 6130890 or 6167052 or 6173324 or 6185598 or 6275470 or 6282562 or 6286045 or 6339595 or 6341309 or 6415323 or 6526056 or 6601098 or 6608841 or 6611872 or 6625648 or 6631419 or 6633640

or 6714549 or 6748426 or 6766381 or 20010037311 or 20020038331 or

20020124100 or 20030016770).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Į.	nit	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	B	- 1	5805594	1998-09-08	Kotchey et al.			
		2	5835710	1998-11-10	Nagami et al.			
		3	5845091	1998-12-01	Dunne et al.			
		4	5884047	1999-03-16	Aikawa et al.			
		5	5974457	1999-10-26	Waclawsky et al.			
		6	6006264	1999-12-21	Colby et al.			
		7	6009081	1999-12-28	Wheeler et al.			
		8	6026411	2000-02-15	Ronen			
		9	6069889	2000-05-30	Feldman et al.			
		10	6108703	2000-08-22	Leighton et al.			
		11	6119235	2000-09-12	Vaid et al.			
		12	6130890	2000-10-10	Leinwand et al.			
		13	6167052	2000-12-26	McNeill et al.			-
		14	6173324	2001-01-09	D'Souza	B1		
		15	6185598	2001-02-06	Farber et al.	B1		
П		16	6275470	2001-08-14	Ricciulli	B1		
	abla	17	6282562	2001-08-28	Sidi et al.	B1		
	\prod	, 18	6286045	2001-09-04	Griffths et al.	B1		
		19	6339595	2002-01-15	Rekhter et al.	B1		

23	20	6341309	2002-01-22	Vaid et al.	B1	
	21	6415323	2002-07-02	McCanne et al.	B1	
	22	6526056	2003-02-25	Rekhter	B1	
	23	6601098	2003-07-29	Case et al.	B1	
	24	6608841	2003-08-19	Koodli	B1	一
	25	6611872	2003-08-26	McCanne	B1	\neg
	26	6625648	2003-09-23	Schwaller et al.	B1	$\neg \neg$
	27	6631419	2003-10-07	Greene	B1	
	28	6633640	2003-10-14	Cohen et al.	B1	\neg
	29	6714549	2004-03-30	Phaltankar	B1	\neg
	30	6748426	2004-06-08	Shaffer et al.	B1	
V	31	6766381	2004-07-20	Barker et al.	B1	

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Γ	init Cite.No		Pub. No.	Date	Applicant	Kind	Class	Subclass
1	B	1	20010037311	2001-11-01	McCoy et al.	A1		
		2	20020038331	2002-03-28	Flavin	A1		
		3	20020124100	2002-09-05	Adams	A1		
	V	4	20030016770	2003-01-23	Trans et al.			

Signature

// Examiner Name) ,Date
Fren Benazon	Co/23/86

TRIFORMA	TION DISCL	OSTIDE	ATTY. DOCKET NO.		SERIAL NO.			
	CITATION	OSURE	24717-718 10/070,338					
DEC 1 7 2002 PTO-1449			APPLICANT Mansour J. Karam et al.					
. <i>§</i>			FILING DATE 2/27/2002 GR		ROUP Unassigned			
MADE		U.S	. PATENT DOCUMENTS					
EXAMINER'S INITIALS	EXAMINER'S PATENT NO. DATE		NAME	CLASS	SUBCLASS	FILING DATE		
26	5,535,195	7/9/1996	Lee	370	54			
\$18	6,111,881	08/29/2000	Soncodi	370	395			
		-		-				
				 				
		FORE	EIGN PATENT DOCUMENT	s	· · · · · · · · · · · · · · · · · · ·			
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	<u> </u>	TRANSLATION	
	WO 02/033896	04/25/2002	PCT			YES	NO	
•;	WO 02/033690	04/23/2002	PCI					
•								
		 					<u> </u>	
	OTHER DO	CUMENTS	ncluding Author, Title, Date, 1	Pertinent Pa	ges. Etc.)			
				2 01 1110111 2 1	gw, Dtc.)			
		<u> </u>						
	1 h							
EXAMINER	refer	30n	DATE CONSIDERED	C/2:	3/06			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.